

CAD 009174186

Dennis Lumber

PA Complete

NFA

Paul re 12.12.87

CSC —

(looks like the old file
is lost, pls ~~make~~ make
new one & thanks

Paul)



ecology and environment, inc.

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International Specialists in the Environment

PRELIMINARY ASSESSMENT

DATE: May 28, 1987

PREPARED BY: Clark A. Robertson

SITE: Dorris Lumber and Moulding Company
2600 Redding Avenue
Sacramento, CA 95820
Sacramento County

TDD #: F9-8612-38

EPA #: CAD009174186

1. Initial FIT Conclusions and Recommendations for Further Action:

a. Site Description:

Dorris Lumber and Moulding Company (DLM) is a lumber mill facility that manufactures moulded lumber (1). The facility is located in an industrial area near Highway 80, at 2600 Redding Avenue, Sacramento, California (Figure 1, Site Location Map) (2).

There is no other currently available site specific file information regarding site description, general manufacturing activities or how long DLM has been located at this site.

Apparent Problem:

A complaint was filed by a private citizen several years ago with the Central Valley Regional Water Control Board (CVRWQCB) alleging that an unknown material had been disposed near ponded water (1, 3). According to the complaint, the disposed material may have been a wood preservative, possibly containing heavy metals (1). The distance of the pond from the site and the extent of DLM's use of the pond, if any, is unknown.

On February 11, 1987, two 550-gallon underground diesel tanks were illegally removed in violation of State Regulation Title 23, subchapter 16 (4). An inspection of the former underground tank locations by Mr. Yee of the Sacramento County Environmental Health Department (SCHD) on February 25, 1987 determined these

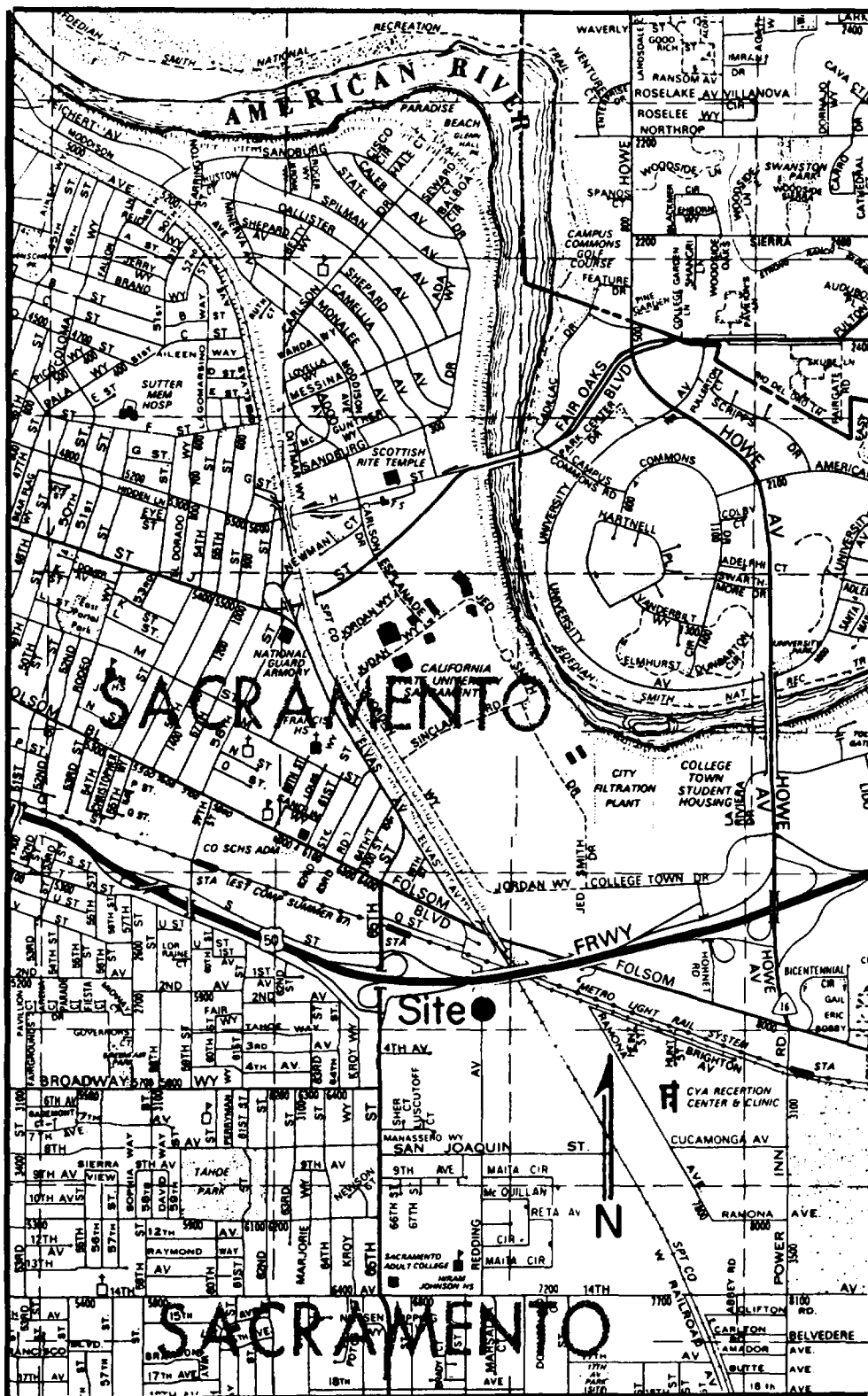


Figure 1: Site Location Map
 Dorris Lumber and Moulding Co.
 Sacramento, CA

0 2200'
 scale

tanks were removed illegally because SCHD and Fire Department officials were not notified prior to, or present at the time of removal (4, 5). The northern tank apparently had a leakage rate that exceeded state standards (4). Diesel contamination of the soil or groundwater is not subject to regulation under RCRA (6).

During the inspection, Mr. Yee did not observe a pond or any evidence of discarded chemicals, although a DLM employee stated to him that water may pond during the winter in a low area of the site depending on the amount of precipitation (5). DLM has been required by SCHD to retain a geotechnical consultant to investigate potential diesel contamination to the soil and groundwater. If contamination is documented in the groundwater, further regulatory action will involve the CVRWQCB as the lead agency, with results made available to SCHD. The Sacramento City Attorney's Office is currently investigating the illegal tank removals for possible civil legal action (5).

b. HRS Factors:

Observed Release:

There is no available file information documenting an observed release to air, surface water or groundwater. A potential, however, for release of diesel to the soil and groundwater exists, and will be investigated by a geotechnical consultant as indicated in the Apparent Problem section.

Direct Contact/Fire and Explosion:

There is no available file information regarding direct contact or fire and explosion, although the fire department was not present during the removal of two underground diesel tanks.

Waste Type/Quantity:

There is no available file information regarding waste types or waste quantities at this site. Two 550-gallon underground diesel tanks were previously located on-site and it is unknown how long these tanks were located on-site (see Apparent Problem Section).

Groundwater:

Depth to groundwater in the DLM area is approximately 40 feet, and direction of regional groundwater flow is to the south. Available file information indicates that at least 21 domestic wells, five public supply wells and eight irrigation wells were located within two miles of the facility, although dates (early 1950s) and locations near freeways suggest the potential that some wells may have been destroyed during construction activities (7). The nearest city water supply wells are greater than three miles from the site (8). Net precipitation for November through April is 21.71 inches (9).

Surface Water:

The American River is located approximately 4,000 feet northeast of DLM. There is however no topographic evidence to indicate that a surface water pathway exists from the facility to the American River. Engineered surface drainage systems for Freeway 80 and Folsom Blvd. 300 feet and 1,000 feet respectively north of the site further suggest a low runoff potential to the American River. The one year 24-hour rainfall for the site area is 20 inches (10).

Other Factors:

c. Conclusions and Recommendations

Available file information indicates that DLM is a manufacturer of moulded lumber. A complaint was filed by a private citizen alleges the presence of ponded water possibly with wood preservatives that may contain heavy metals. An extensive file search indicates no available file information on the alleged contamination, although ponded water may accumulate during periods of heavy rainfall. An inspection by the SCHD revealed that the two underground diesel tanks were illegally removed, one of which exceeded state standards for leakage.

Evidence of ponded water or chemicals was not observed at the time of the inspection. Possible diesel contamination of soils and groundwater will be investigated by a geotechnical consultant to be retained by DLM. This potential leakage is not regulated under RCRA. The potential for HRS scoring on the groundwater and surface water route appears to be low, since there is no documented release, known quantity of waste or a public health threat.

1. FIT Recommendation:

FIT recommends no further action since the SCHD, the lead agency and RWQCB appear to be satisfactorily supervising the DLM site.

2. FIT Review/Concurrence:

Martha Walters 5/28/87

3. EPA Recommendation for Further Action

*Concur - Site is petroleum related +
not applicable to Crela.*

Paul J. Courage
12.12.87

4. EPA Response Termination: No Further Action _____;

Active _____; Pending _____.

Justification:

REFERENCES

1. Complaint memo from Regional Water Quality Control Board, March 6, 1985.
2. Contact Report conversation between Clark Robertson, FIT and Wellington Yee, Sacramento County Environmental Health Department, January 2, 1987.
3. Contact Report conversation between Clark Robertson, FIT and Brad Parsons, Department of Health Services (Enforcement), February 4, 1987.
4. Contact Report conversation between Clark Robertson, FIT and Wellington Yee, Sacramento County Environmental Health Department, February 18, 1987.
5. Contact Report conversation between Clark Robertson, FIT and Wellington Yee, Sacramento County Environmental Health Department, February 26, 1987.
6. Federal Register, Vol. 45, No. 98, Rules and Regulations, May 19, 1980.
7. Contact Report meeting between Clark Robertson, FIT and Don Schuder, Department of Water Resources, January 20, 1987.
8. Contact Report conversation between Clark Robertson, FIT and Ed Conley, City of Sacramento Water Division.
9. Climatic Atlas of the United States, U. S. Department of Commerce, June 1968.
10. Rainfall Frequency Atlas of the United States, U. S. Department of Agriculture, May 1961.

CONTACT REPORT

AGENCY: Sacramento County Environmental Health Department
ADDRESS: 3701 Branch Center Road
Sacramento, CA 95827
PERSON
CONTACTED: Wellington Yee
PHONE NO.: (916) 366-2032
FROM: Clark Robertson
TO: File
DATE: 2/18/87
SUBJECT: Dorris Lumber Underground Tanks

An updated development occurred at the Dorris Lumber site since the January 2, 1987 telephone conversation. On February 11, 1987, two underground 550 gallon diesel tanks were removed subsequent to tests performed by the Sacramento Equipment Maintenance Company on November 18, 1986. Test results for the two diesel tanks and the one underground gasoline tank were:

- o The 550 gallon north diesel tank had a leakage rate of $-.126$ gallons per hour. This tank exceeded state standards.
- o The 550 gallon south diesel tank had a leakage rate of $-.029$ gallons per hour.
- o The 1000 gallon gasoline tank had a leakage rate of $+.025$ gallons per hour.

The state standard for leakage on underground tanks is $+.05$ gallons per hour. Since the north diesel tank exceeded state standards, it therefore apparently constituted an unauthorized release. Furthermore, the owner is supposed to provide plans on removal techniques. These two underground diesel tanks were removed without notification or presence of the Fire Department or the County Health Department, a violation of State Regulation, Title 23, subchapter 16.

CONTACT REPORT

AGENCY: Sacramento County Environmental Health Department
ADDRESS: 3701 Branch Center Road
Sacramento, CA 95827
PERSON
CONTACTED: Wellington Yee
PHONE NO.: (916) 366-2101
FROM: Clark Robertson
TO: File
DATE: 2/26/87
SUBJECT: Dorris Lumber Underground Tanks
CC:

An inspection of Dorris Lumber by Mr. Yee on February 25, 1987 determined that the underground diesel tanks were removed illegally. The City Attorney's office is investigating the matter for possible civil legal action.

Sacramento County Environmental Health Department is requesting that Dorris Lumber hire a geotechnical consultant to investigate possible diesel contamination of soil and groundwater. If contamination of groundwater is documented, further action will involve the Regional Water Quality Control Board as the lead agency under the Porter-Cologne Act.

During the inspection Mr. Yee investigated the potential for ponded water. He did not observe a pond on-site, although an employee of Dorris Lumber stated that water may pond during the winter during periods of heavy rain in a low area near the edge of the lumber yard. Mr. Yee state that no chemical waste was observed at the facility. This facility cuts various types of lumber and forms it into decorative moulding.

Redding Avenue (location of site) is high density residential on west side and commercial on the east side. A high school is about .75 miles southwest of the site.

CONTACT REPORT

AGENCY: Depart of Water Resources
ADDRESS: 3251 S Street
Sacramento, CA 95816
PERSON
CONTACTED: Don Schuder
PHONE NO.: (916) 322-7173
FROM: Clark A. Robertson
TO: FILE
DATE: 1/20/87
SUBJECT: Dorris Lumber Groundwater Information
CC:

Elevation of groundwater is approximately zero feet, or about 40 feet below the ground surface (elevation of approximately 40 feet).

There are at least 21 domestic, five public supply and eight irrigation wells located within Township 8N, Range 5E, Sections 14, 15. These wells date to the early 1950s and some were probably destroyed during freeway and commercial construction.

Regional groundwater flow is to the south.

CONTACT REPORT

AGENCY: City of Sacramento Water Division
ADDRESS: 1391 35th Avenue
Sacramento, CA 95822
PERSON
CONTACTED: Ed Conley
PHONE NO.: (916) 449-5371
FROM: Clark A. Robertson
TO: FILE
DATE: 2/4/87
SUBJECT: Water source for Dorris Lumber
CC:

Mr. Conley stated that in 1944 a one-inch water main was installed to service this facility from 65th Avenue, although it is no longer in service. He suggested that the number of billing department be contacted (916) 449-5454 to determine water usage.

The boundary of city water service is west of the site, and the only other source of water than the city would be a private well.

There is however, an 8-inch city water main that is used only for fire protection.

North of the American River, city water is primarily served by wells that are located about three miles north of the river. South the of American River, city water is primarily served by surface water.

CONTACT REPORT

AGENCY: DOHS
ADDRESS: 4250 Power Inn Rd.
Sacramento, CA 95826
PERSON
CONTACTED: Jay Lucas
PHONE NO.: (916) 739-3987
FROM: Clark Robertson
TO: FILE
DATE: 12/23/86
SUBJECT: Dorris Lumber and Moulding Co.
CC:

Linda Hennesy (916) 739-3139 with DOHS in Sacramento may have more information on computer.

CONTACT REPORT

AGENCY: DOHS
ADDRESS: 8455 Jackson Hwy
Suite 120 - 95526
PERSON
CONTACTED: Burt Ellsworth
PHONE NO.: (916) 739-4050
FROM: Clark Robertson
TO: FILE
DATE: 1/2/87
SUBJECT: Dorris Lumber and Moulding
CC:

Mr. Ellsworth could not find any information regarding this company.

CONTACT REPORT

AGENCY: Department of Water Resources
ADDRESS: 3251 S Street
Sacramento, CA 95816
PERSON
CONTACTED: Don Shuder
PHONE NO.: (916) 322-7173
FROM: Clark A. Robertson
TO: FILE
DATE: 1/20/87
SUBJECT: Dorris Lumber Groundwater Information
CC:

Elevation of groundwater is approximately zero feet, or about 40 feet below the ground surface (elevation of approximately 40 feet).

There are at least nine domestic and industrial wells located within Township 8N, Range 5E, Section 15.

Regional groundwater flow is to the south.

CONTACT REPORT

AGENCY: City of Sacramento Utilities
ADDRESS: 915 I St., Room 104
Sacramento, CA 95814
PERSON
CONTACTED: Kathy Kettlewell
PHONE NO.: (916) 449-5454
FROM: Clark A. Robertson
TO: FILE
DATE: 2/4/87
SUBJECT: Water usage for Dorris Lumber

Ms. Kettlewell stated that Dorris Lumber is only billed for fire protection, and that the city does not have records that indicate water service to Dorris Lumber.

CONTACT REPORT

AGENCY: Department of Health Services
ADDRESS: 83 Scripps Drive
Sacramento, CA 95825
PERSON
CONTACTED: Brad Parsons
PHONE NO.: (916) 920-7525
FROM: Clark A. Robertson
TO: FILE
DATE: 2/4/87
SUBJECT: Dorris Lumber violations

Mr. Parsons stated several years ago (he couldn't recall the exact date) a complaint was made against Dorris Lumber by a private citizen.

Green water was allegedly observed in the pond and several dead birds were supposedly in the general area.

The site has not been inspected by this agency.